



Designation: A 428/A 428M – 9501

Standard Test Method for Weight [Mass] of Coating on Aluminum-Coated Iron or Steel Articles¹

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1. Scope

1.1 This test method covers procedures for determining the weight [mass] of coating on aluminum-coated iron or steel sheets and wire, and on other aluminum-coated iron and steel articles.

1.2 The final results determined by this test method shall be expressed in inch-pound units or SI units, depending on the units used in the material specification to which the results are to be compared. Certain portions of the procedure involving determination of specimen weight [mass] have traditionally been performed in SI units, and corresponding inch-pound units are not included.

~~1.3 In this test method, the quantity of material is described in terms of weight [mass]. Weight is the force describing the gravitation attraction of the earth on a quantity of material. In general usage on the surface of the earth, mass of an unknown quantity is determined by comparing with a known quantity (either directly or indirectly and ignoring the buoyancy of the air) as indicated by the attraction of the earth's gravity, thus weight is actually determined. See Appendix X1 of Terminology E 12 for further discussion of weight and mass.~~

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1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. For a specific precautionary statement, see Note 1.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee ~~A-5~~ A05 on Metallic-Coated Iron and Steel Products and is the direct responsibility of Subcommittee A05.07 on Methods of Testing.

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